P-W

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-	The state of the s
	County APACHE
	Area <u>20 Miles E/Holbro</u> ok
Well Dar Producti Co.	Lease No. <u>Suburban</u>
Name Suburban Companies Fresh Water Well No. 1	Williams Energy Co.
Location Sw NW Sec 8 Twp 18N Range 24 Sω-Νω Spud Elev 5298.5 Gr KB Date 7-3-71	E Footage 250° FWL - 1650° FNL Completed Total **Transform 7-15-71 Depth 600°
•	·
Contractor J. O. Barns Drilling Company, Casa G	rande, Arizona
Casing Size Depth Cement	Drilled by Rotary _xCable Tool
14" 312 50 SKS Pro	duction Horizon
Ini	tial Production Water WEll
REMARKS Issuance of permit delayed, wai	ting on certified plat.
Elec	
Logs	Sample Log
Applic. Plugging Completion	Sample Descript.
to Plug Record Report x	Sample Set
	Core Analysis
	DSTs
Water well accepted by	
	405-32083
& No. Federal Insurance Company fles in	P/N 778 Bond No. 8047=02=65
Bond Am't \$ 25,000 Cancelled	Date 1-15-80 Organization Report 4=23-71
Filing Receipt 2897 Dated 8-05-71	Well Book X Plat Book X
Loc. Plat X	Dedication None-(Water Well)
API No. 02-001-20148	

Permit Number 562

Date Issued 8-26-71

7

Formation Tops Scout Sample E. Log Remarks

CORES: Intervals, analysis

A CHARLES STATES OF THE TAXABLE STATES

DSTs .

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WELL COMPLETION REPORT AND WELL LOG DESIGNATE TIPS OF COMPLETION: Dir 🔲 Different Reservoir օս 🔲 Fame Reservoir Deepen . \mathbf{x} DESCRIPTION OF WELL AND LEASE Address Operator Oklahoma Tulsa, 0. Box. Fleid & Reservoir Unnamed Federal, State or Indian Lease Number or name of lessor if fee lease Well Number Coconino Sand Suburban Companies County Location <u>Apache</u> 250' FWL, 1650' FNL Sec. TWP-Range or Block & Survey Section 8, T-18N, R-24E, G. Elevation of casing hd. flange Elevation (BEXEKENEENEE) Date completed, ready to produce Date total depth reached Date spudded 5300 feet July 15 If this is a dual or triple completion, furnish separate report for such completion. <u>July 12</u> Single, dual or triple completion? P.B.T.D. Total depth 600' Cable tools used (interval) Rotary tools used (interval) Producing interval (a) for this completion Was copy of directional survey filed? 0 to T.D 325' - 600' Date filed Was this woll directionally drilled? Was directional survey made? Date filed Type of electrical or other logs run (check logs filed with the commission) CASING RECORD Casing (report all strings set in well-conductor, surface, intermediate, producing, etc.) Amt, pulled Sacks coment Weight (16./ft) Size caning set Size hose drilled Purpose 14" 17-1/2" Surface 10" <u>See Below</u> 12-1/4" Liner LINER RECORD TUBING RECORD Backs cement Top Packer set at Size Depth set 600 th 300 tt perforated In. ft. ACID, SHOT, PRACTURE, CEMENT SQUEEZE RECORD PERFORATION RECORD Depth Interval Am't. & kind of material used Depth Interval Number per it. Eize & Lyps INITIAL PRODUCTION Producing method (indicate it flowing, gas lift or pumping—if pumping, show size & type of pump:) Date of first production Oil gravity Water prod. during test Oil prod. during test | Gas prod. during test Date of test | Hrs. tested Choke size * API (Corr) bbls. MCF bbla, OII Cal'ted rate of Pro-duction per 24 hrs. Casing pressure Tubing pressure HCF bbls. Disposition of gas (state whether vented, used for fuel or sold): CERTIFICATE: I. the undersigned, under the penalty of perjury, state that I am the Manager of Office Africans. RECEIVED AUG 9 1971 OIL & GAS CONSERVATION COMMISSION - O & G CONS. COMM. Well Completion or Recompletion Renderand Well-Log FOS File One Copy Form No. 4

(Complete Reverse Side)

562

Permit No.

O & G CONS. COMM.

DETAIL OF	* FORMATIONS	PENSTRATED
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Fermation	Тор	Bottom .	Description*
Surface	0 41' 156' 216' 294'	41' 156' 216' 294' 302'	Clay with sand Sand and shale Sandy shale with clay streaks Sandy lime and shale with gypsum Shale with lime streaks
Coconino	302'	600'	Sand
GOCONINO	• • •		•
-	+		
•			• **
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•		1	

^{*} Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushlon used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers leg or other acceptable log of well.

This Well Completion or Recompletion represent well log shall be filed with the State of Arizon & Gas Conservation Commission not inter than thirty days after project completion.

Form No. 4

FENIX & SCISSON, INC.

5805 EAST FIFTEENTH STREET TULSA, OKLAHOMA

PLEASE REPLY TO: P. O. Box 15609 Tulsa, Oklahoka 74115

August 9, 1971

PHONE (918) 835-847; TELEX NO. (918) 929-3131 CABLE ADDRESS: FENSON TULSA

Mr. W. E. Allen Oil and Gas Conservation Commission State of Arizona 4515 North 7th Avenue Phoenix, Arizona 85013

Dear Mr. Allen:

In answer to your letter of August 5 concerning the wells drilled at Adamana for the Suburban Companies, I should like to offer the following information.

The core test has been plugged and abandoned in accordance with your verbal instructions issued to our Mr. Johnson. Our Engineering Department was to have filed the reports on the core hole, but apparently failed to do so. I have checked with them on this and the necessary reports will be filed immediately.

With respect to the Suburban Companies' Nos. 1 and 2 strat tests, I am assuming you mean the Nos. 1 and 2 solution wells drilled for salt storage. The completion reports on these two wells have been submitted to Mr. Wiruth with the Suburban Companies for his signature and transmittal to you. If my assumption here is incorrect, there must be some misunderstanding for to my knowledge no strat tests as such were drilled.

The application to drill the fresh water well and the completion report on this well were also transmitted to Mr. Wiruth on August 2 and August 3 for his signature and transmittal to you.

Very truly yours,

H. H. Holloway

HHH:wi

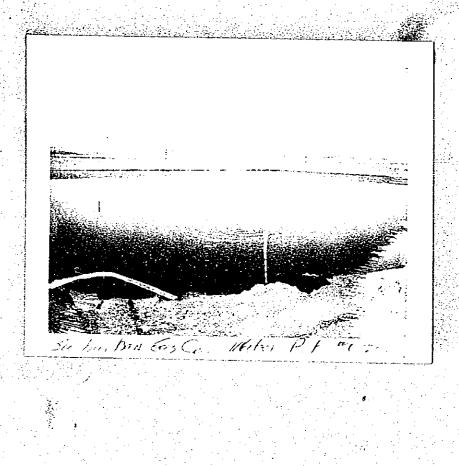
cc: Mr. R. J. Wiruth

RECEIVED

AUG 1 1 1971

0 & G CONS. COMM.

Permits. 554-554-562



ON THE PROPERTY OF THE PARTY OF

//-8-77.#56I

November 8, 1971

Memo to: Suburban Companies Core Test #1 NW/NW Sec. 8-T18N-R24E Apache County Our File #554

> Suburban Companies #2 Fee Strat NW/NW Sec-8#F18N-R24E Apache County Our File #557

Suburban Companies #1 Fee Strat SW/NW Sec-8=T18N-R24E Apacha County Our File #556

Suburban Companies Water Well #1 Sec 8-T18N-R24E Apache County Our File #562

Memo from: Mr. W. E. Allen, Director Enforcement Section

On November 5, 1971 the writer visited the Suburban locations. Williams Brothers, the general contractor on this installation, had crews installing the various line, pumps, loading racks, and related facilities required to complete the installation project. Bert Savoy, William Brothers representative, told me that the #1 Well Reservoir had been enlarged to 2300 barels capacity. This reservoir had been filled with 2300 gallons of propane. The reservoir for #2 Well is presently being built. It has a present capacity of approximately 2100 barels. The ultimate capacity will be 150,000 barels. Another 30 days welwill probably see all construction work completed on this project.

ഹ

APPLICATIN FOR PERMIT TO DRILL OR RENTER RE-ENTER OLD WELL APPLICATION TO DRILL 3 SUBURBAN COMPANIES, c/o Fenix & Scisson, NAME OF COMPANY OR OPERATOR Ok lahoma 74115 State J. O. Barnes
Drilling Contractor P. O. Box 141, Casa Grande, Arizona 85222 DESCRIPTION OF WELL AND LEASE Elevation (ground) Well number Federal, State or Indian Lease Number, or if fee lease, name of lessor Fresh Water No. 1 5298.51
Distance from proposed location to nearest drilling, completed or applied—for well on the same lesse: Nearest distance from proposed location to properly or lease line: 150 feet feet 150 Number of wells on lease, including this well, completed in or drilling to this reservoir: Number of acres in lease: Address If lease, purchased with one or more wells drilled, from whom purchased: Name Dedication (Comply with Rule 105) Section—township—range or block and survey Well location (give footage from section lines) T-18N- R-24E, C&SR B&M 250 FWL, 1650 FNL Field and reservoir (if wildcat, so state) County Unnamed - Coconino Sand

Distance, in miles, and direction from hearest town or post office 20 miles SE of Holbrook Approx. date work will start Rotary or cable tools Proposed depth: 7-6-71 Rotary ·600¹ Filing Fee of \$25.00 Organization Report Bond Status. Amount Remarks: CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Managers of (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge. Permit Number: STATE OF ARIZONA Approval Date: OIL & GAS CONSERVATION COMMISSION | VED Application to Drill or Re-enter Approved By:_ File Two Copies AUG 9 1971 Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

(Complete Reverse Side)

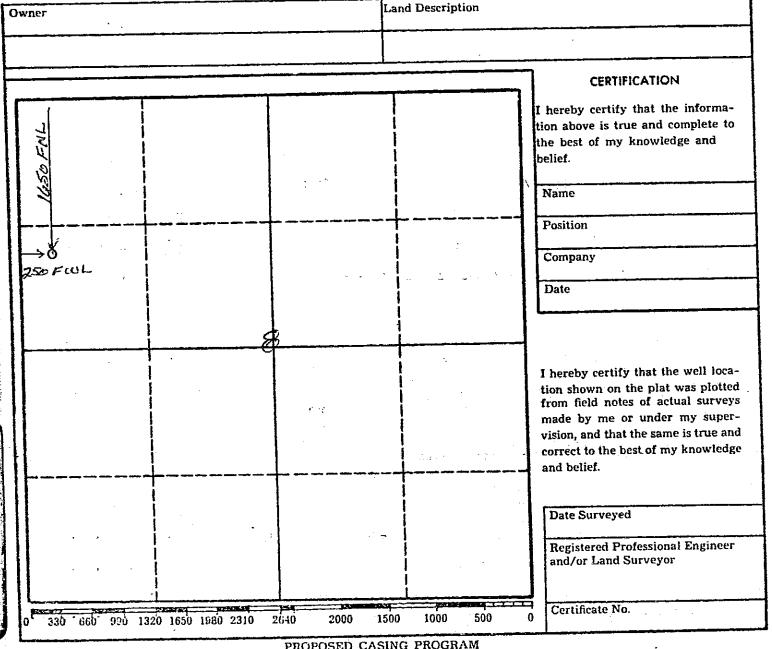
Form No. 3

MMD2 2002 2 8 0

the section 1

western

- 1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- 2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- 3. All distances shown on the plat must be from the outer boundaries of the Section.
- 4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X NO
- 6. If the answer to question four is "no," list all the owners and their respective interests below:



Size of Casing	Weight	Grade & Type	Top	- Bottom	Cementing Depths	Sacks Cemen
14"	36.71	Elec-weld	0	312	271 to 321	50
10"	21.15		300	600	Liner - urgem	ented !





Permit to Drill

FORM NO. 27



PERMIT TO DRILL

This constitutes the permission and authority from the

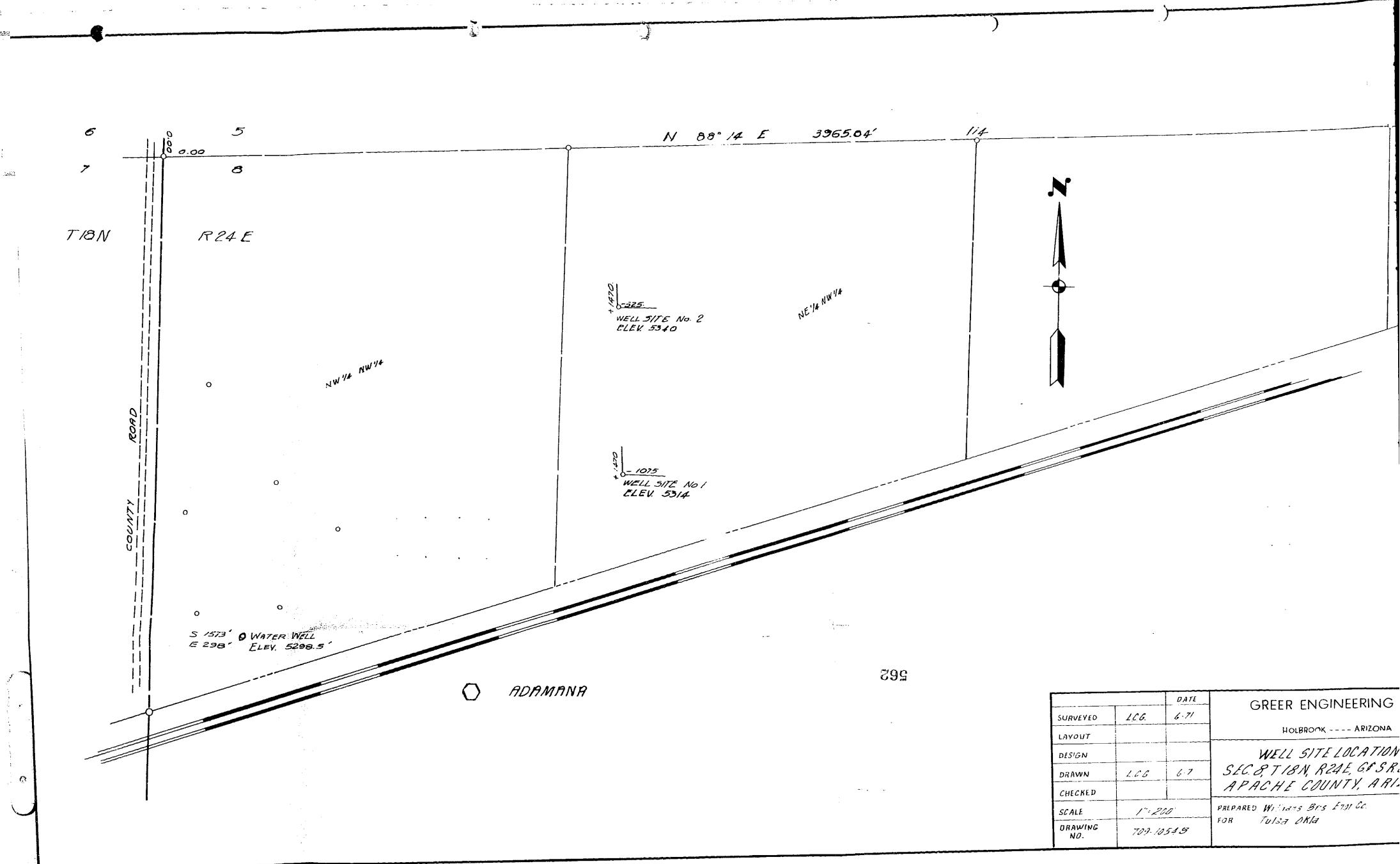
OIL AND GAS CONSERVATION COMMISSION, STATE OF ARIZONA,

To:		SUBURBAN COMPARIES		
		(OPERATOR)		· -
		to drill a well to be k	nown as	
		SUBURBAN COMPANIES FRES	SH WATER WELL #1	· · · · · · · · · · · · · · · · · · ·
located	250 ^t 1	IVL - 1650' PNL		
Section	8Township_1	Range 24E	, Apache County,	Arizona.
The		HONE (FRESH WATER WE	u)	_of said
		is dedicated to this well.	Angelon State of the State of t	•
in full comp	oliance with all app	olicable laws, statutes, rule	the attached Application and must and regulations of the State of A	be drilled izona.
in full comp	oliance with all app	olicable laws, statutes, rule	s and regulations of the State of A	izona.
in full comp	oliance with all app	olicable laws, statutes, rule	nnd GAS CONSERVATION COMM	izona. ISSION
in full comp	oliance with all app	olicable laws, statutes, rule	s and regulations of the State of A	izona. ISSION

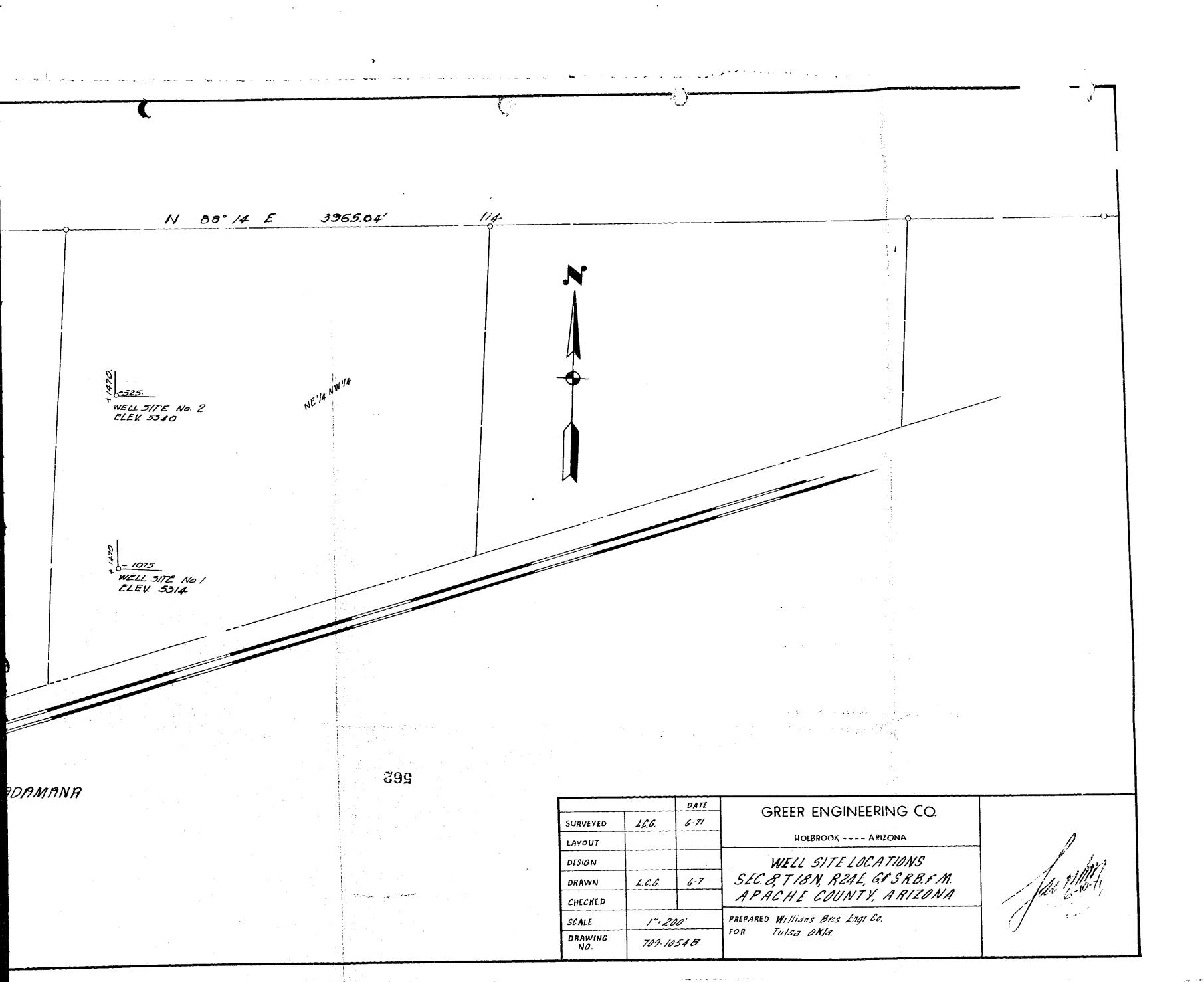
SAMPLES ARE REQUIRED

API NO. 02-001-20148

RECEIPT NO.



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FERRELLGAS LPG FACILITY

Operator: Ferrellgas Inc.

Bond Company: Travelers Casualty and Surety Co. of America

Bond No.: 030 S 103626358 BCM

Amount: \$25,000.00

Date approved: 8/01/96

Permits covered by this bond:

556 (Cavern 01)

557 (Cavern 02)

✓ 562 (Water well)

602 (Cavern 03)

603 (Cavern 04)

606 (Cavern 05)

607 (Cavern 06)

646 (Cavern 07)

647 (Cavern 08)

648 (Cavern 09)

671 (Cavern 10)

672 (Cavern 11)

776 (Cavern 12 -- not developed)

777 (Expired)

778* (Expired)

^{*} Bond in Permit #778



Fife Symington Governor

State of Arizona Arizona Geological Survey

845 North Park Avenue, #100 Tucson, Arizona 85719 (602) 882-4795



Larry D. Fellows Director and State Geologist

July 13, 1993

Ms. Brenda Davis, Mail Drop 5 Ferrellgas One Liberty Plaza Liberty, Missouri 64068

Re: Ferrellgas wells in Arizona

Approval of blanket bond #U1665522, United Pacific Insurance Company Release of blanket bond #400 GV 7009, St. Paul Fire and Marine Insurance Company

Dear Ms. Davis:

I have enclosed an approved copy of the referenced blanket bond #U1665522 effective July 16, 1993, for all wells operated by Ferrellgas in Arizona.

This letter represents the Oil and Gas Conservation Commission's approval to release the referenced blanket bond #400 GV 7009 effective July 16, 1993.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

Enclosure

c Ms. Mary T. Flanigan, St. Paul Seaboard, Overland Park, Kansas



Fife Symington Governor

State of Arizona Arizona Geological Survey

845 North Park Avenue, #100 Tucson, Arizona 85719 (602) 882-4795



Larry D. Fellows Director and State Geologist

June 29, 1993

562

Ms. Kathy Cordera Martin Insurance FAX 913-676-9145 one copy of bond from No 2 6/29@ 7:20 am suz

P. O. Box 8418

Prairie Village, Kansas 66208-0418

Dear Ms. Cordera:

In response to your telephone call this morning, I have enclosed two blank copies of the Oil and Gas Conservation Commission's Performance Bond. File two copies of the completed bond form to my attention at the letterhead address.

Our records show that Ferreligas currently has twelve storage wells and one freshwater well under bond.

Let me know if I can be of further assistance.

Sincerely,

Steven L. Rauzi

Oil & Gas Program Administrator

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Enclosures





Fife Symington Governor

Arizona Geological Survey

845 North Park Avenue, #100 Tucson, Arizona 85719 (602) 882-4795



Larry D. Fellows
Director and State Geologist

May 20, 1993

Ms. Mary T. Flanigan
Attorney-in-Fact
St. Paul Seaboard
P. O. Box 935
Overland Park, Kansas 66201-0935

562

Re: Ferrellgas, Inc. blanket performance Bond No. 400 GV 7009

Dear Ms. Flanigan:

I received your certified letter No. P 105-228-862 requesting the St. Paul Fire and Marine Insurance Company's release from obligation under the captioned bond because the captioned bond is being replaced by United Pacific Insurance Company Bond #U1665502 effective June 25, 1993.

A.A.C. R12-7-103 requires a performance bond to remain in effect until (1) the wells under the bond have been plugged and abandoned as approved by the Oil and Gas Conservation Commission, or (2) the a new blanket bond is posted for the wells. I have not received or approved a replacement bond for the captioned bond.

As a result, I <u>cannot</u> release St. Paul Fire and Marine Insurance Company's obligation under the captioned bond until the United Pacific Insurance Company Bond #U1665502 is received by this office and approved.

Please let me know if I can be of further assistance in this matter.

Sincerely,

C

Steven L. Rauzi

Oil & Gas Program Administrator

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Mr. Greg Greer, Ferrellgas, P.O. Box 4644, Houston, Texas 77216 Mr. Dale Thompson, Ferrellgas, P.O. Box 1024, Holbrook, Arizona 86025 ก

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OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE. PHOENIX, ARIZONA 85013 PHONE: (602) 271-5161

April 16, 1973

Mr. D. J. Doughtery Williams Energy Company P. O. Box 35 Holbrook, Arizona 86025

RE: LPG STORAGE PROJECT

Dear Mr. Doughtery:

On a recent visit to your storage project at Adamana, it was noticed that at times brine was allowed to flow directly from the well to the ground. This brine or salt water then collected in a low spot just north of your fence line and also just north of the railroad right of way. This is in violation of Rule 306 and 307 of the Rules and Regulations of the Oil and Gas Conservation Commission. This situation has been called to the attention of both Mr. Greer and Mr. Sam Snyder.

If at times it is necessary to purge your wells in this manner, the brine or salt water must be contained in a suitable vessel or pit that has been prepared in such a manner that it is impervious to seepage.

Please instruct your employees to stop the practice of allowing the brines or salt water to escape to the ground.

Should you have any questions regarding this matter, please feel free to contact this office.

Very truly yours,

W. E. Allen, Director Enforcement Section

WEA/rlb

Enclosure

August 26, 1971

Mr. Robert J. Wiruth
The Suburban Companies
LP GAS DIVISION
PO Box 3478
Tulsa, Okiahoma 74101

Re: Suburban Companies Fresh Water Well #1 SW NW Sec. 8-T18N-R24E Apache County Our File #562

Dear Mr. Wiruth:

Enclosed please find Receipt No. 2897 covering the \$25 filing fee, a copy of your approved Application for Permit to Drill, and Permit To Drill No. 562.

Also enclosed are miscellaneous instruction sheets concerning samples and other Commission requirements.

Very truly yours,

W. E. Allen, Director Enforcement Section

WEA/rlb Enc.

August 24, 1971

Mr. Robert J. Wiruth
The Suburban Companies
LP Gas Division
P. O. Box 3478
Tulsa, Oklahoma 74101

Re: Fresh Water Well #1

Dear Mr. Wiruth:

Please refer to our letter of August 9, 1971 requesting a certified plat designating the location of the above referenced well.

As we have previously informed you, we are holding your application in suspense until such time as this plat is received. Please forward the requested plat as quickly as possible.

Very truly yours,

W. E. Allen, Director Enforcement Section

WEA/rlb

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LP GAS DIVISION P.O. BOX 3478 TULSA, OKLAHOMA 74101 918-583-1711

August 23, 1971

Oil & Gas Conservation Commission Mr. W. E. Allen 4515 North 7th Avenue Phoenix, Arizona 85013

Dear Mr. Allen:

Attached is a plat showing the location of the water well on our Apache County storage sight as requested in your letter of August 9, 1971. I trust that this will provide you with sufficient data to process our application.

Very truly yours,

R.A. Wiruth

Manager of Operations

RJW/lr

Attachment

RECEIVED
AUG 25 19/1
0 & G CONS. COMM.

561

ONE OF THE WILLIAMS COMPANIES

August 9, 1971

Mr. Robert J. Wiruth The Suburban Companies LP GAS DIVISION PO Box 3478 Tulsa, Oklahoma 74101

RE: Fresh Water Well #1

Dear Mr. Wiruth:

Thank you for the completed reports and logs of your storage wells #1 and #2.

We will be in a position to issue the permit for your water well as quickly as we have received a copy of the certified plat. Until such time as this plat is received, we are holding your check and application to drill in suspense.

Very truly yours,

W. E. Allen, Director Enforcement Section

WEA/Tlb

556-55 O

COMPANIES

LP GAS DIVISION P.O. BOX 3478 TULSA, OKLAHOMA 74101 918-583-1711

August 5, 1971

Oil & Gas Conservation Commission Mr. W. E. Allen 4515 North 7th Avenue Phoenix, Arizona 85013

Dear Mr. Allen:

Attached is the completion reports and one copy of the logs for our storage wells #1 and #2, Apache County, Arizona. The drilling time and bit record have been mailed to you under separate cover from H. H. Johnson, Fenix and Scisson.

Also enclosed is our application to drill a water well at our location. You will find our \$25.00 permit fee attached. We have also enclosed the well completion report. We had previously obtained our permit to drill the water well from the Arizona State Land Department. I am sorry for the oversight on our part but I didn't realize that your department also had jurisdiction over water wells.

This should complete our drilling program in Arizona for the present. We appreciate the assistance you have given us during the project. I trust that we have submitted sufficient data to keep us in compliance with the state requirement and we desire that all data supplied remain "confidential".

Sincerely,

J. Wiruth

Mgr., of Operations

RJW:jp Attachment

OF THE WILLIAMS COMPANIES

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u & G CONS. CO.





OFFICE OF

Gil and Cas Conservation Commission

STATE OF ARIZONA

4515 NORTH 7TH AVE. PHOENIX, ARIZONA 85013 PHONE: (602) 271-5161

August 5, 1971

Mr. H. H. Holloway Fenix & Scisson, Incorporated P. O. Box 15609 Tulsa, Oklahoma 74115

Re: Suburban Companies #1 Fee Strat SW/4 NW/4 Sec. 8-T18N-R24E Apache County Our File (556)

Suburban Companies Core Test #1
NW/4 NW/4 Sec. 8-T18N-R24E
Apache County
Our File (754)

Suburban Companies #2 Fee Strat NW/4 NW/4 Sec. 8-T18N-R24E Apache County Our File (557)

Suburban Companies Water Well #1 Sec. 8-T18N-R24E Apache County

Dear Mr. Holloway:

Please furnish this Commission a Completion Report (Form 4) on your #1 and #2 strat tests as quickly as possible.

Also, advise what your intentions are on your #1 core test. If this well is to be used as a future water well, we will need a Completion Report (Form 4). If it is to be plugged and abandoned, we will, of course, need an Application to Plug (Form 9) stating the methods you intend to use in plugging this well. Following the plugging we will need a Plugging Report (Form 10) and a Completion Report (Form 4).

We are still waiting for the Application to Drill your water well; and, we will also need a Completion Report (Form 4) on this well.

May we have the above information as quickly as possible.

Very truly yours,

W. E. Allen, Director Enforcement Section

WEA:jd

July 14, 1971

Mr. H. H. Holloway, Jr. Fenix & Scisson 5805 East 15th Street Tulsa, Oklahoma 74112

Re: Water Well #1

Dear Mr. Holloway:

Please refer to my letter of July 2, 1971 advising you of the necessity of filing an Application to Drill the above referenced well. Please submit this Application to Drill completed in detail together with the \$25 filing fee and so forth immediately.

Since this well has been drilled and completed, it is very necessary that you submit this application without further delay.

Very truly yours

W. E. Allen, Director Enforcement Section

WEA: jd

26

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July 2, 1971

Mr. H. H. Holloway, Jr. Fenix & Scisson 5805 East 15th Street Tulsa, Oklahoma 74112

Dear Mr. Holloway:

The enclosed forms are sent to you at the request of Mr. E. W. Johnson. We are also enclosing a copy of our "Rules and Regulations".

The plugging of your \$1 core test, Permit \$554, has been discussed with Mr. Johnson; and, he has verbal permission to plug the hole in the manner we discussed. However, we will still need Form 9, Application to Abandon and Plug, completed and submitted to this office. Also Form 10, Plugging Record, and Form 4, Well Completion Report, manner be submitted to this office after plugging of the hole is completed.

The drilling of your water well to be used for water for washing out the storage reservoir will be handled in the same manner as are the other holes that you are drilling, i.e., Drilling Permit, Application to Drill, \$25 filing fee, and so forth.

If this office can be of any assistance please let us know.

Very truly yours,

W. E. Allen, Director Enforcement Section

WEALJd Enc.

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